

IN THE CLAIMS:

Please amend claims 1, 8, and 12 and cancel claim 11, without prejudice or disclaimer, as follows.

1. (Currently Amended) A gas turbine power generation system, comprising:
a single-spool gas turbine engine having a turbine and a compressor coaxially connected to the turbine;
an air intake duct that supplies intake air to the engine;
a generator connected to a rotating shaft of the engine;
a housing that houses the engine, the air intake duct and the generator and is formed to be a box-like shape having at least two openable maintenance faces; and
a partition that divides an interior space of the housing into two regions in a vertical direction ~~into~~including an upper bay and a lower bay such that the engine is installed in the upper bay and the air intake duct is installed in the lower bay at a location directly under the engine.

2. (Original) A system according to claim 1, wherein the two openable maintenance faces of the housing are a top face and a face that lies parallel to the rotating shaft of the engine.

3. (Original) A system according to claim 2, further including an exhaust duct that exhausts combustion gas discharged from the engine to outside of the housing, and the

exhaust duct is installed in the upper bay of the housing at a location near a face that is opposite, relative to the engine, to the face that lies parallel to the rotating shaft of the engine.

4. (Original) A system according to claim 1, further including an electrical unit that is electrically connected to the generator, and the electrical unit is installed in the lower bay of the housing at a location under the air intake duct.

5. (Original) A system according to claim 4, further including a cooler that cools the electrical unit by external air.

6. (Original) A system according to claim 1, further including a fuel supplier that supplies fuel to the engine and a cooler that cools the fuel supplier by external air, and the fuel supplier and the cooler are installed in the lower bay of the housing.

7. (Original) A system according to claim 1, wherein the housing is formed with grooves at its bottom face that receive forks of a forklift.

8. (Currently Amended) A gas turbine power generation system, comprising:
a single-spool gas turbine engine having a turbine and a compressor coaxially connected to the turbine;

an air intake duct that supplies intake air to the engine;

a generator connected to a rotating shaft of the engine;₃ and
a housing that houses the engine, the air intake duct and the generator and has an
openable maintenance face;₂

wherein: the air intake duct includes:

a duct section that has an air inlet at a plane coincident with that of the openable
maintenance face;₂ and

a filter-housing section that detachably houses an air filter for cleaning the intake
air;

a divider that divides an interior space of the housing into two regions including an
upper bay and a lower bay such that the engine is installed in the upper bay and the air
intake duct is installed in the lower bay; and

an air intake passage provided in the divider such that the intake air passes through
the air filter of the air intake duct to the engine.

9. (Original) A system according to claim 8, wherein the duct section and the filter-
housing section are airtightly joined such that the air intake duct can be taken out through
the openable maintenance face as a single unit.

10. (Original) A system according to claim 8, wherein the duct section is formed to
be a structure that changes flow direction of the intake air at least once when the intake air
flows from the air inlet to the filter-housing section.

11. Cancelled

12. (Currently Amended) A system according to claim ~~11~~8, wherein the air intake passage is formed to be a structure that changes flow direction of the intake air at least once therein.